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## 12

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## 54 Microwave integrated tuned detector

67) A microwave detector, which integrates two circular patch antennas with a detector diode. The high impedance at the edge of the circular patch antenna is combined with 180° out of phase electric fields at diametrically opposite points, so as to match to the RF impedance of a zero or small DC bias diode. The result is a very simple, high-sensitivity narrow-band microwave integrated detector.

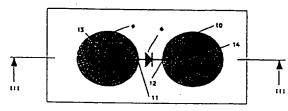


FIG. 2

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## **EUROPEAN SEARCH REPORT**

Application Number EP 95 30 2766

etegory	DOCUMENTS CONSIDERED TO BE RELEVA  Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL6)
A	EP-A-0 257 544 (BBC BROWN BOVERI) * claim 1; figures 1,2 *	1-5	H01Q9/04 H01Q23/00
4	EP-A-0 533 062 (MARCONI)  * column 3, line 21 - column 4, line 13 *  * column 4, line 43 - line 56; figures 1-  *	1-5	
\	US-A-4 931 799 (WEN ET AL.)  * column 4, line 37 - column 5, line 32; figure 6 *	1-5	
, A	US-A-5 394 159 (SCHNEIDER ET AL.) * claims 1-8; figures 2-8 *	1-5	
			TECHNICAL FIELDS SEARCHED (Inc.CL.6)
			H01Q
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	The present search report has been drawn up for all claims	-	·
	Place of search Date of completion of the search	<del></del>	Exember
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